

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF VIDEO DETECTION CAMERAS AT THE INTERSECTION OF MD 346 AND HOBBS ROAD / ZION CHURCH ROAD IN WICOMICO COUNTY.

MD 346 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION SHALL CONTINUE TO OPERATE IN A NEMA FOUR-PHASE, FULL-TRAFFIC - ACTUATED MODE WITH MD 346 APPROACHES RUNNING CONCURRENTLY. THE HOBBS ROAD AND ZION CHURCH ROAD APPROACHES SHALL CONTINUE TO OPERATE WITH SPLIT MOVEMENTS.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER SHALL REMAIN, HOWEVER WILL BE MODIFIED TO ALLOW VIDEO DETECTION.

CONTACT PERSONS FOR DISTRICT 1 ARE AS FOLLOWS:

MR. GENE COFIELL  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
(410) 677-4040

MR. BRUCE W. POOLE  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
(410) 677- 4082

MR. JAMES R. WRIGHT  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
(410) 677-4010

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS  
(410) 787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF,  
TRAFFIC OPERATIONS  
(410) 787-7631

MR. EDWARD RODENHIZER  
TEAM LEADER SIGNAL OPERATIONS  
(410) 787-7652

EQUIPMENT LIST A

A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY SHA

ITEM NO.	QUANTITY	DESCRIPTION
9086	1 E.A.	VIDEO DETECTION INTERFACE EQUIPMENT: I-4 CAMERAS

PHASE CHART

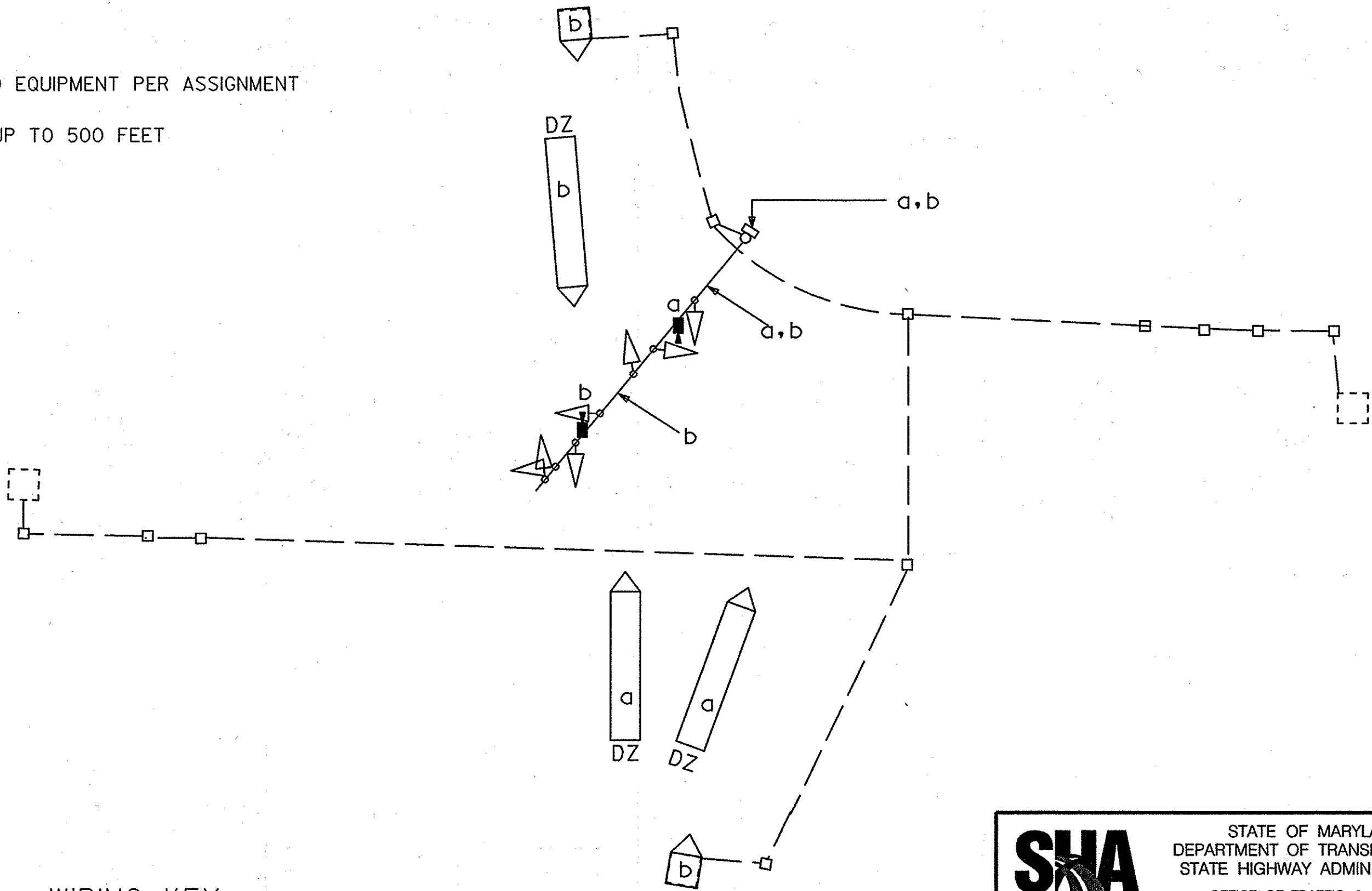
	1	2	3	4	5	6	7	8	
	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	
	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	
	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	
					(G)		(G)		
PHASE 2 AND 6	G	G	G	G	R	R	R	R	←
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PHASE 3	R	R	R	R	R	R	(G)	(G)	↓
3 CHANGE	R	R	R	R	R	R	Y	Y	↓
PHASE 4	R	R	R	R	(G)	G	R	R	↑
4 CHANGE	R	R	R	R	Y	Y	R	R	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↔

EQUIPMENT LIST B

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
8006	1 EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8007	2 EA	VIDEO DETECTION CAMERA AND CABLE UP TO 500 FEET

WIRING DIAGRAM



EQUIPMENT LIST C

C. EQUIPMENT AND MATERIAL TO BE REMOVED.

NONE

WIRING KEY

a,b -100 FT. VIDEO CAMERA DETECTION CABLE

<b>SHA</b>		STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION	
MD 346 AT HOBBS ROAD / ZION CHURCH ROAD			
<b>GENERAL INFORMATION SHEET</b>			
SCALE	NONE	DATE	5-9-2007
		CONTRACT NO.	AX1395185
DESIGNED BY	H.O.	COUNTY	WICOMICO
DRAWN BY	H.O.	LOGMILE	22034603.26
CHECKED BY	D.D.	TIMS NO.	1143
FAP NO.		TOD NO.	
TS NO. 3183A-01	DRAWING	OF	SHEET NO. 2 OF 2